**Index of Claims** 

	App	lica	tion	/Cont	rol No.
--	-----	------	------	-------	---------

10/037,680

Examiner

Thu Ha T. Nguyen

Applicant(s)/Patent under Reexamination

**EMERSON ET AL.** 

Art Unit

2155

√ Rejected	1
1 1 -	
A Legacian	•

_	(Through numeral) Cancelled
+	Restricted

N	Non-Elected
ı	Interference

A	Appeal
0	Objected

Cla	aim				C	Date	<u> </u>				]	Cla	im				Date	)				Cla	aim	Γ		•	0	Date	е			
	<del> </del>	ر م			· [								<u>—</u>										<u></u>							П	П	
Final	Original	9/30/02			H							Final	Original									Final	Original								ıl	
iI	Ä	8										iĒ	Ĕ				1 1					ίΞ	Ę.			ı				Н	ıl	
		$oxed{oxed}$	Ш		_			_	ot	_				Ш			Ш		$\perp \perp$					$oxed{oxed}$	Щ					Ц		
ļ	1	1		_	_			<u> </u>	lacksquare	<u> </u>			51	Ш	_		Ш		$\perp$				101	L_	Ш					Ш		
		Ø,	Н	$\dashv$	_					_			52		$\perp$	<b>-</b>	$\sqcup$	4	$\perp \downarrow$				102	L			_			Ш		Ш
	3	1	Н	-		-		<u> </u>	-	$\vdash$			53	Ш	_	-	$\sqcup$		+				103	Ь.	$\vdash$	4	_		_	$\sqcup$	$\Box$	Ш
ļ	4	0	$\vdash$	$\dashv$	-			<u> </u>	$\vdash$				54	Н	_	+	$\vdash$	_	+	:			104		$\vdash$	_				$\sqcup$	Ш	Ш
	5	0	Н	$\dashv$		$\dashv$		<u> </u>	-	<u> </u>			55	$\vdash$	_		+	-	+				105	$\vdash$	Н	4				Н		
<u> </u>	6 7	1	$\vdash$		$\dashv$	$\dashv$		-	$\vdash$	<u> </u>			56 57	H	-	+-	+		┼┤			-	106	H	-	$\dashv$				Н	$\dashv$	$\vdash$
	8	1		$\dashv$	$\dashv$			-	-	<u> </u>		-	58	-			+	_	+				107	Н	$\vdash$	$\dashv$	_			$\vdash \vdash$	$\dashv$	H
<u> </u>	9	V		$\dashv$	$\dashv$				Н	-			59	$\vdash$	-	+-	<del>                                     </del>	-	╁┼		1		108 109	H	$\vdash$	$\dashv$				$\dashv$	$\dashv$	$\dashv$
<u> </u>	10	V	H	┪	-	$\dashv$			H	-		<del></del>	60	$\vdash$		+	╁	+	++		-	-	110	$\vdash$	$\vdash$	$\dashv$	$\dashv$			$\vdash$	$\dashv$	$\vdash\dashv$
	11	0	Н	$\dashv$	_	┰	-	_	$\vdash$	_			61	$\vdash$	$\dashv$	+	╁	+	+-+				111	-	$\dashv$	-	$\dashv$			$\dashv$	$\dashv$	$\vdash \vdash$
	12		$\vdash$	$\dashv$			_		$\vdash \vdash$	$\vdash$		$\vdash$	62	$\vdash$	$\dashv$	+	$\vdash \vdash$		++	:	-		112	$\vdash$	$\vdash \vdash$	$\dashv$	$\dashv$		$\vdash$	$\dashv$	$\dashv$	$\dashv$
-	13	1		$\dashv$				$\vdash$	$\vdash$			$\vdash$	63	$\vdash$	+	+	$\vdash \vdash$	+	+		⊪		113	Н	$\vdash$	$\dashv$				$\dashv$	$\dashv$	$\vdash$
	14	i		ᅥ		$\dashv$			Н			$\vdash$	64	$\vdash$	+	+	$\vdash$	$\dashv$	++	$\dashv$	⊪		114	$\vdash$	$\vdash$	$\dashv$	-		H	$\dashv$	$\dashv$	$\vdash$
	15	v		1	$\dashv$	$\dashv$	-		Н			$\vdash$	65	$\vdash$	+	+	H	$\dashv$	+	$\dashv$	⊪		115	$\vdash$	$\vdash$	$\dashv$	$\dashv$		$\vdash \vdash$	$\dashv$	$\dashv$	$\vdash$
	16	V		一	$\neg$	$\neg$			П	_		М	66	H	$\top$	+	╁╌┼	-	1 1	$\dashv$	ŀ	$\dashv$	116	Н	$\dashv$	+	ᅱ		H	$\dashv$	ᅥ	_
	17	1	П	T	ヿ				П				67		十	$\top$	Ħ	$\neg \vdash$	+	1			117	H	$\dashv$	+	$\dashv$	_	Н	$\dashv$	$\dashv$	$\dashv$
	18	4		Ť	一			_	П				68			$\top$	T	$\top$	11	-			118			7	7			$\neg$	$\neg$	$\dashv$
	19	4	$\Box$		T				П				69					1	11				119	Н	$\neg \uparrow$	$\dashv$	寸			$\dashv$	$\neg$	一
	20	1	П	T	寸	T			П				70					$\top$	1				120	Н	$\neg$		$\neg$	_		T	寸	$\exists$
	21				$\neg$				П				71				П		$\Box$	7			121			7	ヿ	_		一	$\neg$	$\neg$
	22								П				72			1	П			7.			122	П			T			$\dashv$	ᅥ	$\neg$
	23												73		$\neg$			1	11	7			123							コ	ヿ	ヿ
	24				П								74			1	П		П		ı		124	П	$\neg$	7	T			$\exists$	コ	$\neg$
	25												75								ľ		125			ヿ	$\neg$			T	$\neg$	
	26			_									76										126							T	コ	
	27			_		_	_		Ш				77										127									
$\Box$	28		$\sqcup$	_	_	_	_		Ш				78				Ш			_ ::			128			$\Box$						
	29		Ш	_	_	_	_4		Ш				79		$\perp$	ᆜ_	$\sqcup$		<u> </u>	_ ::			129				_			$\Box$	$\Box$	
	30		$\sqcup$	_	4	_	_		Ш				80	$\perp$			$\sqcup$		$\perp \downarrow$	_			130			$\perp$					$\Box$	
	31		$\sqcup$	_	_	_	_						81	_	_ _	_	$\sqcup$		11	_			131	Ш			$\perp$			$\dashv$		
	32	_	$\vdash$	$\dashv$	-	-	_		$\vdash \dashv$	4		$\sqcup \sqcup$	82	-	+	+	$\sqcup$	—	4	_	1		132	$\sqcup$	$\dashv$	4	$\downarrow$	_		4	_	_
$\vdash$	33 34		$\vdash$	$\dashv$	$\dashv$		-		$\vdash \vdash$				83		+		${oldsymbol{\sqcup}}$	+	+	_	ŀ		133	$\sqcup \downarrow$	_	$\dashv$	$\dashv$			_	_	
$\vdash \vdash \vdash$	35		$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$		$\vdash \vdash$	$\dashv$		├	84	+	+	+	$\vdash$	- -	-	-	-		134		$\dashv$	$\dashv$	-	$\dashv$		_	4	
$\vdash$	36		$\vdash \vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$		$\vdash \vdash$	$\dashv$		$\vdash$	85	$\dashv$	+	+	⊢┼		+	-	ŀ		135	$\vdash$	$\dashv$	$\dashv$	$\dashv$	_	_	$\dashv$	$\dashv$	
$\vdash$	37			$\dashv$	-+	$\dashv$	$\dashv$	_	$\vdash$	$\dashv$			86 87		+	+	$\vdash \vdash$	+	++	- ::	ŀ		136	$\vdash$	+	$\dashv$		_		$\dashv$	$\dashv$	괵
$\vdash \vdash \vdash$	38		╁╼┼	$\dashv$	$\dashv$	$\dashv$	$\dashv$		┝╾┤	႕		<del></del>	88	+	+	+-	$\vdash$	+	╁┼	-	-		137	$\vdash$	+	$\dashv$	$\dashv$	$\dashv$		$\dashv$	$\dashv$	$\dashv$
<del>                                     </del>	39		$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\vdash \vdash$	$\dashv$			88	+	+		$\vdash$	+	++	-	ŀ		138	$\vdash$	$\dashv$	+	$\dashv$	_		+		$\dashv$
$\vdash \vdash \vdash$	40		┝┤	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\vdash$	$\dashv$		$\vdash$ $\dashv$	90	+	$\dashv$	+	┞╌┼		+ +	$\dashv$	⊪		139 140	$\dashv$	$\dashv$	$\dashv$	$\dashv$	-		$\dashv$		$\dashv$
┝╌┤	41	_	$\vdash \vdash$	+	$\dashv$	$\dashv$	ᅱ	$\dashv$	$\vdash$	$\dashv$		├──┤	91	$\dashv$	+	+-	┤┤	+	+ +	$\dashv$	⊪		141	$\dashv$	$\dashv$	+	$\dashv$	$\dashv$	-	$\dashv$		$\dashv$
	42	_	$\vdash$	$\dashv$	-+	$\dashv$	$\dashv$	-	$\dashv$	-		-	92	$\dashv$	+	+	<del>                                     </del>	+	+-+	$\dashv$	ŀ		141	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$		$\dashv$	$\dashv$	$\dashv$
	43		$\vdash$	+	$\dashv$	$\dashv$	-	$\dashv$	$\vdash$	$\dashv$			93	-+	+	+	$\vdash \vdash$	+-	╁┼	$\dashv$	ŀ	$\dashv$	143		+	+	+	$\dashv$		$\dashv$	$\dashv$	$\dashv$
$\vdash$ $\dashv$	44		$\vdash$	$\dashv$	$\top$	$\dashv$	7	$\dashv$	$\vdash$	一		-	94	$\dashv$	-	+-	$\vdash \vdash$	+	<del>   </del>	$\dashv$	ŀ		144	$\dashv$	+	+	$\dashv$	ᅱ	-	+	$\dashv$	$\dashv$
	45		$\sqcap$	寸	十	$\dashv$	1	7	$\dashv$	一			95	$\dashv$	+	+	$\vdash \vdash$	+	<del>   </del>	$\dashv$	ŀ		145	$\dashv$	+	+	$\dashv$	$\dashv$	-	+	$\dashv$	$\dashv$
	46		$\Box$	7	$\dashv$	_	$\dashv$	一	$\dashv$			$\neg \dashv$	96	$\dashv$	+	+	$\vdash \vdash$	+	╁╌┼	-	ŀ	$\rightarrow$	146	$\dashv$	+	+	$\dashv$		$\dashv$	+	+	$\dashv$
	47		$\Box$	_	$\dashv$	$\dashv$	7	$\dashv$					97	$\top$	+	$\top$	$\vdash$	+		-	ŀ		147	+	$\dashv$	$\dashv$	+	+	-	+	$\dashv$	$\dashv$
	48			$\dashv$	十	$\dashv$	7	_	$\dashv$	$\dashv$			98	$\dashv$	+	+	H	+-	+	-	ŀ		148	$\dashv$	$\dashv$	+	+	$\dashv$	$\dashv$	+	$\dashv$	$\dashv$
	49		$\Box$	丁	十	十		7	$\dashv$	$\neg$		$\neg$	99	┪	+	+		$\top$	† †	$\dashv$	ŀ		149	$\dashv$	+	+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$
	50		╗				寸	一					100	_	十	$\top$	$\Box$		$\Box$	١	ŀ		150	-	_	$\dashv$	$\dashv$	┪	ᆉ	$\dashv$	+	$\dashv$
																_1					· · · L		_ 00	- 1	- 1	- 1	- 1	- 1			- 1	- 1